

**CORN AND SOYBEANS: Production Cash Costs  
and Returns, Heartland Region, 2000-2001 1/**

Item	Corn		Soybeans	
	2000	2001	2000	2001
	<u>Dollars Per Planted Acre</u>		<u>Dollars Per Planted Acre</u>	
<b>Gross value of production</b> (excluding direct Government payments)				
Total, gross value of production	259.36	273.17	199.80	191.36
<b>Operating costs</b>				
Seed	30.64	33.00	18.30	21.72
Fertilizer, lime, and gypsum	41.60	49.85	7.23	7.42
Soil conditioners	0.10	0.09	0.14	0.09
Manure	0.36	1.73	0.94	1.18
Chemicals	30.51	26.67	22.58	22.82
Custom operations 2/	10.96	9.77	5.99	6.14
Fuel, lube, and electricity	26.41	16.18	7.78	7.84
Repairs	15.98	12.21	9.50	9.83
Other variable cash expenses 3/	0.00	0.00	0.00	0.00
Interest on operating capital	4.51	2.50	2.08	1.30
Total, operating costs	161.07	152.00	74.54	78.34
<b>Allocated overhead</b>				
Hired labor	2.35	2.10	1.35	1.42
Opportunity cost of unpaid labor	31.80	22.20	18.93	19.41
Capital recovery of machinery and equipment	67.32	51.27	51.02	52.80
Opportunity cost of land (rental rate)	100.73	96.90	90.65	92.38
Taxes and insurance	6.47	5.15	7.04	7.14
General farm overhead	11.11	10.49	14.94	15.46
Total, allocated overhead	219.78	188.11	183.93	188.61
Total costs listed	380.85	340.11	258.47	266.95
<b>Value of production less total costs listed</b>	-121.50	-66.94	-58.67	-75.59
<b>Value of production less operating costs</b>	98.29	121.17	125.26	113.02
<b>Supporting information</b>				
Yield (bu./planted acre)	148	151	45	46
Price (dollars per bushel at harvest)	1.75	1.80	4.44	4.16
Enterprise size (planted acres) 4/	223	270	225	225
<b>Production practices 4/</b>				
Irrigated (percent)	6	5	2	2
Dryland (percent)	94	95	98	98

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS websites listed below.

2/ Cost of custom operations, technical services, and commercial drying.

3/ Cost of purchased irrigation water.

4/ Developed from survey base year 1996, for corn. Developed from base year, 1997, for soybeans.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.  
Internet Web Site ([www.ers.usda.gov/data/costsandreturns/testpick.htm](http://www.ers.usda.gov/data/costsandreturns/testpick.htm))